

Adding and Subtracting Integers

Homework pg 379 # 1-5 Show any and ALL steps

#1

a)  $-5+7$

b)  $3+4$

c)  $-3+2$

d)  $-6+8$

e)  $-11+13$

f)  $-21+36$

g)  $5-12$

h)  $-12-4$

i)  $-6-9$

j)  $11-13$

k)  $-5-18$

l)  $15-3$

2. Evaluate.

a)  $6 - 1 + 3$  b)  $-36 - 6 + 3$

c)  $18 - 15 - 2$

3. Evaluate each pair of expressions

i)  $-6+4$ ,  $4-6$

ii)  $-7+3$ ,  $3-7$

iii)  $-8+2$ ,  $2-8$

iv)  $-9+1$ ,  $1-9$

b) What patterns do you see? Explain why these patterns occur.

c) Write 2 more expressions that are related in the same way.

Evaluate each term. Each pattern continues. Write the next 3 ~~terms~~<sup>terms</sup> in each pattern. Explain how you found each answer.

a)  $(-6+5), (-7+4), (-8+3), \dots$

b)  $(-3-1), (-4-2), (-5-3), \dots$

Last Monday, Suneel had \$283 in her bank account. On Tuesday, Suneel withdrew \$120 in cash, and wrote a cheque for \$200. ON Thursday, Suneel deposited \$53. How much money did Suneel have in the account then?

Show your work.